

Date: Tue, 6 Apr 93 15:29:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #425
To: Info-Hams

Info-Hams Digest Tue, 6 Apr 93 Volume 93 : Issue 425

Today's Topics:

 "CB transplants"
 Any info an the Kenwood TS-50S mobile HF transceiver?
 ARRL BULLETIN 35 ARLB035
 ARRL living in the past? (was Re: motive ...)
 exam prep
 FLEA at MIT Sunday April 18th Cambridge MA
 Please help. PK-232 vs KAM
rec.radio.amateur.tech (was Re: RFD: reorganization of rec.radio.amateur)
 RFD: rec.radio.amateur reorganization
 ZEPP antennas: How do they work ?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Apr 93 17:08:49 GMT
From: ogicse!uwm.edu!spool.mu.edu!clark!pacifier!mikef@network.UCSD.EDU
Subject: "CB transplants"
To: info-hams@ucsd.edu

In article <aJ8H2B3w165w@jackatak.raider.net> jackhill@jackatak.raider.net (Jack
GF Hill) writes:

>zardoz@ornews.intel.com (Jim Garver) writes:

>> I have never met anyone who has told me they actually conducted two-way
>> communication on 11 meters when it was a ham band.

>

>Hmmm. Several rigs available in my youth had 11 meters built in, but

>when I was first licensed (1956) I couldn't afford to buy anything, so

>I built a rig that was xtal controlled for Novice CW. No 11 meters
>there, but when I struggled into a General Ticket, the band was still
>a ham band, the fabulous sunspot cycle was on the upswing, and 11
>meters was a gold mine for a kid running low power CW. It was open
>nearly around the clock and had great DX on it... I was amazed when I
>read the rules about the "new" Citizens Band that was to be put where
>my favorite band was -- with the same kind of power limits I used...
>And the FCC expected this band to be a local only!?! Hah! It was a
>killer for DX then, and never lost the magic for me...
>

Ah, yes. Although I was interested in amateur radio back then, I did not obtain a license until 1962. However, at that time (and for many years thereafter), I used a Heathkit DX-100 transmitter and National NC-300 receiver, both of which had 11 meters built-in. I was absolutely astonished at the chaos I encountered on 11 meters and there were a couple of times when it was difficult to resist making a comment about it at 150 watts input on the affected frequency {grin}.

It's also of interest that one of the documents I used to help me obtain my Novice license was a 1954 Braille edition of the license manual; it was actually a 1952 license manual reprinted in Braille in 1954. AT the time of publication (1952), there **was** a Novice band on 11 meters; if I recall correctly, it ran from 26960 kHz to 27230 kHz. Alas, it was long-gone by the time I came on the ham scene!

--

Mike Freeman <K7UIJ>		Internet: mikef@pacifier.rain.com
301 N.E. 107th Street		UUCP: uunet!m2xenix!nipple!pacifier!mikef
Vancouver, WA 98685 USA		GEnie: M.FREEMAN11
TElephone (206)574-8221		Pushing 40 is exercise enough!

Date: 6 Apr 93 10:58:06 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Any info an the Kenwood TS-50S mobile HF transceiver?
To: info-hams@ucsd.edu

In article <C510vM.FJy@news.cso.uiuc.edu>, pereckas@uxa.cso.uiuc.edu (Michael Pereckas) wrote:

> I've seen some ads for the Kenwood TS-50S HF transceiver. The ad
> claims that it is the smallest HF transceiver. Apparently it is about
> the size of the typical VHF/UHF mobile transceiver. Does anyone know
> what bands it covers, and the power? Has anyone seen or used one?

Michael-

The TS-50 is comparable to the larger Kenwoods in most respects. It has general coverage reception from 500 KHz to 30 MHz. It transmits SSB/AM/FM/CW on Ham bands from 160 to 10 meters. SSB/FM/CW power output is 100 watts, reduced on AM.

The TS-450/TS-690 class radios have more features, but are significantly larger. I would definitely recommend the TS-50 for mobile use because of its size, but would prefer the larger radios for base station use.

The TS-50 has fewer controls on the tiny front panel, so they are used for more functions. There are also 4 buttons on the microphone that can be programmed for your choice of functions, using the radio's built-in menu system.

The AT-50 tuner is in a separate package, identical in size to the TS-50. The combined size of the pair is still smaller than the TS-450AT, but you would probably want to hide the tuner under a car seat or in the trunk, using the optional long cable.

I could continue, but you would learn more if you can find a store (or hamfest) that has one available for demonstration. I purchased mine from Amateur Electronic Supply in Orlando. Their basic price was \$1039, but stores in other areas have it for as low as \$975, so I've heard.

73, Fred, K4DII

`fred-mckenzie@ksc.nasa.gov`

Date: Mon, 5 Apr 1993 21:24:58 GMT
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!malgudi.oar.net!
ucbeh.san.uc.edu!ucunix.san.uc.edu!morris@ames.arpa
Subject: ARRL BULLETIN 35 ARLB035
To: info-hams@ucsd.edu

In article <C4x139.DzF@unccsun.uncc.edu> wlhamaty@uncc.edu writes:

>>IN A MOTION FILED IN UNITED STATES DISTRICT COURT FOR THE DISTRICT
>>OF COLUMBIA ON MARCH 16, ARRL ASKED TO PARTICIPATE IN A SUIT
>>BROUGHT BY ACTION FOR CHILDREN'S TELEVISION AND 20 OTHER
> ^^^

```
>Huh? I'm missing something here. Could someone explain to me why ACT
>is filing this suit. Aren't they supposed to be AGAINST indecent
>programming?
```

```
> [-----]
> | Luke Hamaty      KQ40Q      "More than gold, I love to complain." |
```

>| Impact Technologies Group - Trurl, from The Cyberiad

>| 800-438-6017 or 704-549-1100

>[-----]

Read a little further...:-)...they are all ON THE SIDE OF THE FCC in trying to stop the broadcasters. The argument is whether the FCC using monetary forfeitures is legal and proper; the broadcasters say no, and want to have the FCC stop it; the rest say yes and want the FCC to keep it up (and be found to be enforcing this as a proper exercise of their authority).

I.e., ACT, ARRL, et al are FOR-FCC, ANTI-INDECENCY to the extent that they think FCC's actions are proper. Broadcasters are against the notion that this particular mechanism of FCC is proper.

IMHO, that is...

Theodore Allan (Ted) Morris, University of Cincinnati Medical Center,
513-558-0177V, 558-0758F, MORRIS@UCUNIX.SAN.UC.EDU, MORRISTA@UC.EDU,
NTS WB8VNV. Call me up and I'll talk data to ya!

Date: Tue, 6 Apr 1993 13:01:44 GMT

From: sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!dstock@network.UCSD.EDU

Subject: ARRL living in the past? (was Re: motive ...)

To: info-hams@ucsd.edu

The RSGB has been making a number of changes to escape from an image of living in the past, I hope they succeed. A quick flick through the recently restyled RADCOM shows two regular contributors to have names that suggest that they may be women (with photographs to match). I wondered whether this was a deliberate act to create a more balanced appearance, but as I've met one of them at G-QRP conventions, and I've read all the regular 2 page articles of the other (EMC specialist), the conclusion is inevitable that these people are no mere window dressing, they are competent authors with strong knowledge and interests in their respective areas.

I feel that a publication or a society should use the best available (and willing!) people. If it happens that the available population is biased strongly in some way, I would still want them to pick the best, irrespective of non-radio details. The cause of such a bias in the population is a separate matter, and should be a cause for direct rather than indirect concern.

I strongly believe that people should be free to choose their own

hobbies (and careers), that it is wrong to decide for them just what is "suitable" and "unsuitable".

I went to a school that was very pro-arts, yet I was interested in engineering. There were methods akin to water dripping on stone to steer pupils towards a proper arts career, scientists were subtly discouraged, engineers were aliens. I can only suppose that the pressures on girls to avoid "technical" interests must be worse. An elderly lady lecturer in electrical engineering was once discussing her career choice with a class I was in, she remarked that the only way a boy could feel similar pressure would be to announce he had chosen ballet dancing as a career. The class went quiet after that!

Cheers

David GM4ZNX

Date: Tue, 6 Apr 1993 16:02:42 EST
From: anomaly.sbs.com!n1mpq!news@uunet.uu.net
Subject: exam prep
To: info-hams@ucsd.edu

`dadams@cray.com` (David Adams) writes:

```
> I don't really understand the term "Auxiliary station operation".
> The definition seems to be "The transmission of communications
> point-to-point within a system of cooperating amateur stations."
> To me that just about describes all of ham radio. So what is it
> really? And why may stations in auxiliary operation only communicate
> with "other amateur stations within a system of cooperating amateur
> stations?"
>
>
> (I refer to exam questions 4AA-4.1 and 4AA-4.3 etc.)
```

Ok, here's how I remember it:

A station in Auxiliary operation is usually one that's linked into a net. An example:

441.750-KD1HZ/RPT PRV 146.700-WA1RBT/RPT CRN 145.170-KA1JNP/R CRN

|-----|-----|

The New England Cheeseball Net

Each of the stations above would be in Auxilliary operation and are only

authorized to communicate with other stations in the same system unless
arrangements are made to link systems too.

```
-----  
-- Anthony S. Pelliccio, kd1nr      // A man who feels sees life as //  
-- system @ garlic.sbs.com         // a tragedy, a man who thinks  //  
-----// sees life as a comedy. (This //  
-- Flame Retardent Sysadmin       // was in my fortune cookie!)  //  
-----  
-- This is a calm .sig! --  
-----
```

```
-----  
  
Date: 6 Apr 1993 03:00:06 GMT  
From: w1gsl@athena.mit.edu  
Subject: FLEA at MIT   Sunday April 18th   Cambridge MA  
To: info-hams@ucsd.edu
```

Spring has Sprung in Cambridge
so it time for the monthly Flea at MIT to start up.

***** \$1 buyers discount with hardcopy of this notice *****

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS

FLEA all SUMMER at MIT
April 18th, 1993
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take
place on the third Sunday of each month this summer,
April thru October.

There is tailgate space for over 400 sellers and
free, off-street parking for >1000 cars!

Buyers admission is \$2 (you get \$1 off if
you're lucky enough to have a copy of our ad)
and sellers spaces are \$10.00-each at the gate.

The flea will be held at the corner of Albany and
Main streets in Cambridge; right in the Kendall
Square area from 9AM to 2PM, with sellers set-up
time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered
tailgate area is available for all sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

***** \$1 buyers discount with hard copy of this notice *****

Steve Finberg W1GSL w1gsl@athena.mit.edu
PO Box 82 MIT Br Cambridge MA 02139 617 258 3754

Date: Tue, 6 Apr 1993 12:49:31 GMT
From: usc!howland.reston.ans.net!gatech!kd4nc!ke4zv!gary@network.UCSD.EDU
Subject: Please help. PK-232 vs KAM
To: info-hams@ucsd.edu

In article <C515tv.1Cu@acsu.buffalo.edu> v111qheg@ubvmsb.cc.buffalo.edu
(P.VASILION) writes:
>OK. I know this question was solved years ago on the net, but I wasn't
>around then so dont flame me.
>
> I am sick ad tired of my PK-232MBX's noise problem, and I am not
>about to go soldering right next to IC's, so I've decided to ditch my PK-232.
>Has anyone had any problems with RF from their KAM or newer PK-232 tearing
>up their HF's front end? Does anyone have any negative experiences with the
>KAM? How about newer '232's?

Well Peter, if you don't solder, I guess trading is the only option,
but the 232 really is easy to quieten if you're willing to do a little
work. The KAM is a little quieter out of the box, but it's performance
is a little worse too, so you don't gain anything. AEA still paints
their cabinets, so the newer machines aren't much quieter than the older
ones, though they have improved the filters a bit. All it takes is sandpaper,
star washers, and a few extra screws to quieten these boxes. If you wish,
you can also add 0.1 uf caps across each IC. That will help things a little
more. But it's getting rid of the paint and getting a good electrical

bond on the case halves that really does the trick.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Mon, 5 Apr 93 22:49:18 GMT

From: cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!alberta!adec23!

mark@beaver.cs.washington.edu

Subject: rec.radio.amateur.tech (was Re: RFD: reorganization of rec.radio.amateur)

To: info-hams@ucsd.edu

ikluft@uts.amdahl.com (Ian Klufft KD6EUI) writes:

```
>rec.radio.amateur.products      manufactured equipment, modifications
>rec.radio.amateur.construction  homebrewing & experimentation
>rec.radio.amateur.space         amateur radio in space: satellites,
>                                earth-moon-earth (EME), shuttle, MIR
> < stuff >
>An alternate proposal, aimed at having fewer newsgroups, found some support in
>the reorganization mail list. It is presented here as a potential alternative
>for use in the discussion, as a guage of which one the rec.radio.amateur
>community prefers. It amends the proposal as follows:
```

>Newsgroup name	description
>-----	-----
>rec.radio.amateur.tech	Technical discussions about Ham Radio:
>	construction, satellites, theory,
>	examinations, video, repeaters
>	[unmoderated]

We have two proposals on the table here! I have not seen many comment in any major fashion about these two proposals. I for one, support the rec.radio.amateur.tech group mainly because it appears to work well in rec.bicycles.tech and rec.autos.tech (well, sort of, at least they don't see the flame wars on rec.autos :-)) and once you remove the digital group, how many people are left on the net that actually own a Multimeter :-)

Do we really think that we will have enough traffic in that is differentiated enough in .construction, .products or a .homebrew groups?

I propose keeping rec.radio.amateur.space and rec.radio.amateur.tech

The fly on the wall speaks! Ciao -- Mark

Date: Mon, 5 Apr 93 16:45:41 GMT
From: cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!alberta!adec23!
mark@beaver.cs.washington.edu
Subject: RFD: rec.radio.amateur reorganization
To: info-hams@ucsd.edu

brian@amdcl2.amd.com writes:

>In other words, policy **has** shunted
>a lot of the legitimate discussion of policy issues out of misc.

Good point, so .policy proves it can work

>The info group did not unload the faqs, etc. from misc. A failure in
>my opinion. :-(

This was NOT what the group was for (although, there are administrative side effects that allow it to happen, ask your admin to enter !rec.radio.info,rec.radio in the sys file ...) There were far too many voices demanding that the group be a concentrator, not a a deflector (albeit, r.r.shortwave users wanted cross-posting, r.r.a.misc users were divided). No one, until now, suggested that the FAQs be removed from the groups (that would be silly, think about it, where are the new users going to be?, the experienced users can do a !r.r.info or kill file since the FAQ posters remain the same, day-in and day-out). The bulletins, on the other hand, a case could be made ...

>As you say yourself, the packet group is a very successful sub-group.
>I would attribute this to the narrower focus that does not support
>flame fests as well as misc does.

After (If?) the proposal goes through, you will see 'take this flame-fest to r.r.a.misc where it belongs!' :-)

>It's more like providing a good book with an index or a table of contents.

Wow, I **like** this analogy!

>If someone wants to concentrate on only one aspect of ham radio, then
>no division or consolidation of groups will change that.

True, where there is a will, there is a way, but ... the will is easier to appease if there is a division.

Preaching to the converted, Ciao -- Mark

Date: Mon, 5 Apr 1993 16:30:24 GMT
From: swrinde!zaphod.mps.ohio-state.edu!rpi!rs6320.ecs.rpi.edu!
maessm@network.UCSD.EDU
Subject: ZEPP antennas: How do they work ?
To: info-hams@ucsd.edu

In article <1029395.8005.8511@kcbbs.gen.nz>, Steve_Wright@kcbbs.gen.nz (Steve Wright) writes:

|> Well, I gave up looking at the feed on my J-pole antenna. I understand how the
|> quarter-wave stub matches to the voltage-fed, high-impedance half-wave
|> radiator, but looking at how the coax is attached, there *MUST* be RF forced
|> back down the outer of the coax ???
|>
|> But I've seen these antennas used in repeater applications where there must be
|> _no_ RF on the screen.
|>
|> What am I missing ?

I assume you mean a J-pole fed like this:

```
      |
      |
      |
      | |
center +- +- shield
      |__|
```

drawing not to scale

What you have to remember is that voltage potential is a relative, not an absolute value. In this case the voltage at the bottom of the matching section has a potential with respect to ground. However, since the antenna has no ground connection at that spot, it does not matter. In fact, in this case the shield of the coax is the ground. What matters as far as the operation of the antenna is that there is a potential difference and an RF current flowing between the center conductor and the shield of the coax.

--
Mat Maessen N2NJZ | maessm@rpi.edu

-----+-----
disclaimer: Anyone NOT singing will have a can of Foster's lobbed at
their heads.

(c) 1993 Fake-sig Co., Inc.

Date: Mon, 5 Apr 1993 23:20:34 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!concert!
unccsun.uncc.edu!wlhamaty@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Apr03.054040.22430@n8emr.cmhnet.org>,
<C4x139.DzF@unccsun.uncc.edu>, <C514tn.MI5@ucunix.san.uc.edu>ncc.edu
Subject : Re: ARRL BULLETIN 35 ARLB035

In article <C514tn.MI5@ucunix.san.uc.edu> morris@ucunix.san.uc.edu (Ted Morris)
writes:

>
>Read a little further...:-)...they are all ON THE SIDE OF THE FCC in
>trying to stop the broadcasters. The argument is whether the FCC using
>monetary forfeitures is legal and proper; the broadcasters say no, and
>want to have the FCC stop it; the rest say yes and want the FCC to keep
>it up (and be found to be enforcing this as a proper exercise of their
>authority).
>
>I.e., ACT, ARRL, et al are FOR-FCC, ANTI-INDECENCY to the extent that
>they think FCC's actions are proper. Broadcasters are against the
>notion that this particular mechanism of FCC is proper.
>
>IMHO, that is...
>
>Theodore Allan (Ted) Morris, University of Cincinnati Medical Center,
>513-558-0177V, 558-0758F, MORRIS@UCUNIX.SAN.UC.EDU, MORRISTA@UC.EDU,
>NTS WB8VNV. Call me up and I'll talk data to ya!
>

I read it several times. I think the phrasing of the bulletin copy is
somewhat ambiguous. I'm glad to hear that ACT is one the sensible side
of this. That's a pretty good organization.

I hope the suit (against the FCC) goes nowhere. The FCC has its monetary
forfeiture authority from congress. If they think they can make a case,
that's where they should go. There are enough looney federal judges though,
that one never knows.

--
[-----]
| Luke Hamaty KQ40Q "More than gold, I love to complain." |
| Impact Technologies Group - Trurl, from The Cyberiad |
| |
| 800-438-6017 or 704-549-1100 |

Date: Mon, 5 Apr 1993 16:35:43 GMT
From: sdd.hp.com!zaphod.mps.ohio-state.edu!cs.utexas.edu!news.uta.edu!
hermes.chpc.utexas.edu!news.utdallas.edu!corpgate!brtph560!nrtpa038!node_17aa4!
kme@network.UCSD.EDU
To: info-hams@ucsd.edu

References <jfhC4qEw5.DD4@netcom.com>, <1993Apr1.143555.22479@nrtpa038.bnr.ca>,
<jfhC4tKqo.Gwo@netcom.com>t
Subject : Re: motive ...

In article <jfhC4tKqo.Gwo@netcom.com>, jfh@netcom.com (Jack Hamilton) writes:
|> kme@node_17aa4.bnr.ca (Ken Michael Edwards) wrote:
|>
|> >This whole discussion would be better served in the rec.radio.amateur.policy
|> >newsgroup (if you start pointing out where things belong). The original
posting
|> >had to do more with politcis than amateur radio, maybe you should consider
|> >alt.politics.correct ???
|>
|> No, it had to do with the ARRL. I thought the policy group was for amateur
|> radio policy at the federal/international level, not ARRL policy.
|>
|> --
|>
|> -----
|> Jack Hamilton jfh@netcom.com P. O. Box 281107 SF, CA 94128-1107

I reiterate, this discussion DOES NOT BELONG HERE. You sir are discussing
politics, not amateur radio. I have definite political feelings, but will
not discuss them here or on the air. It is bad form. Amateur radio is
for encouraging international goodwill. This is in contridiction to the
discussion of contriversal issues.

There are those who still believe a homosexual lifestyle is wrong. You
are advocating forcing a lifestyle on those individuals. If you want to discuss
this with me further, please post only to the radio.amateur.policy, or I
will not respond.

--

=====
Ken M. Edwards, Bell Northern Research, Research Triangle Park, NC
(919) 481-8476 email: cnc23a@bnr.ca Ham: N4ZBB

All opinions are my own and do not necessarily reflect the views of

my employer or co-workers, family, friends, congress, or president.

"You'd better call my dad...My mom's pretty busy."

- Chelsea Clinton

Date: Tue, 6 Apr 1993 20:07:56 GMT

From: swrinde!gatech!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!

caen!uvaarpa!murdoch!livia.acs.Virginia.EDU!jeg7e@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Apr1.144055.22359@decabo.abo.dec.com> ,

<C50qGp.1on@murdoch.acc.Virginia.EDU> ,

<1993Apr6.184952.1115@ryn.mro4.dec.com>Virgin

Subject : Re: ARRL living in the past?

In article <1993Apr6.184952.1115@ryn.mro4.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:

>

>

>In article <C50qGp.1on@murdoch.acc.Virginia.EDU> , jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes...

>>In article <1993Apr1.144055.22359@decabo.abo.dec.com> brewer@anarky.enet.dec.com (John Brewer) writes:

>>>>

>>>>1) The ARRL has refused, according to several sources, to accept an ad for

>>>> the Lambda Amateur Radio Club, a group of gay and lesbian amateur radio

>>>

>>> Uh Oh! Political Correctness Flamefest alert!

>>> /john

>>

>>John, care to explain just what the hell this means?

>

>I rather think it means most people just plain aren't interested in this

>subject one way or the other, and wish you'd go argue it somewhere else.

No, I think that you WISH people weren't interested. It's a long standing thing, this wishing the homos would go away. But it's not gonna happen, don't you get it yet? We're not gonna just dissapear, we're here, we're Queer, and we're taking our rightful place in history and contemporary society.

>The whole thing reminds me of someone I once saw making a big stink to the
>manager about the food in a fast food joint. After the guy finally walked out
>in a huff, everyone else simply turned back around and resumed ordering their
>meals. I guess the guy expected everyone else to follow him out...?

This is NOT fast food, and YES, I (and other agitating Queers) DO expect you to follow us in our demands for Civil Rights, anything less is anti-American.

Anyways, your little vent did nothing to answer my original question.

73 at any rate...

--

These opinions may not be unique, and they may not express the views of U.Va.

```
-----
| Jon Gefaell, Computer Systems Engineer \      /___ | SILENCE = DEATH
| Security and Technology Planning R&D    \    /  /  | Hate is *NOT*
| I.T.C. Administrative Computing Services \  /   /   | a Family Value!
| The University, UVA. Carruthers Hall    \\/   /    | -----
~~~~~\~~~~~ 73 de KD4CQY
```

End of Info-Hams Digest V93 #425
